

## CRF Errors Corrected by the STIC Systemic Branch

Serial Number: 09/242,202BCRF Processing Date: 2/4/2002Edited by: JHVerified by:  1650  
17  
FEB 06 2002  
RECEIVED  
ENTER 1600/2900**ENTERED**

- Changed a file from non-ASCII to ASCII
- Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- Edited a format error in the Current Application Data section, specifically:  
\_\_\_\_\_
- Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other \_\_\_\_\_.
- Added the mandatory heading and subheadings for "Current Application Data".
- Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- Changed the spelling of a mandatory field (the headings or subheadings), specifically:  
\_\_\_\_\_
- Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:  
\_\_\_\_\_
- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:  
\_\_\_\_\_
- Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- Inserted colons after headings/subheadings. Headings edited included:  
\_\_\_\_\_
- Deleted extra, invalid, headings used by an applicant, specifically:  
\_\_\_\_\_
- Deleted:  non-ASCII "garbage" at the beginning/end of files;  secretary initials/filename at end of file;  
 page numbers throughout text;  other invalid text, such as \_\_\_\_\_.
- Inserted mandatory headings, specifically: \_\_\_\_\_
- Corrected an obvious error in the response, specifically:  
\_\_\_\_\_
- Edited identifiers where upper case is used but lower case is required, or vice versa.
- Corrected an error in the Number of Sequences field, specifically:  
\_\_\_\_\_
- A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- Other: Seq 20 - corrected amino acid nos.  
\_\_\_\_\_  
\_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/242,202B

DATE: 02/04/2002

TIME: 20:54:32

Input Set : N:\Crf3\01242002\I242202B.raw  
 Output Set: N:\CRF3\02042002\I242202B.raw

## SEQUENCE LISTING

## 1 (1) GENERAL INFORMATION:

- 2     (i) APPLICANT: Nelson, Edward L.  
        Nelson, Peter J.
- 4     (ii) TITLE OF INVENTION: NOVEL VECTOR FOR  
                           POLYNUCLEOTIDE VACCINES
- 6     (iii) NUMBER OF SEQUENCES: 29
- 7     (iv) CORRESPONDENCE ADDRESS:  
         (A) ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
         (B) STREET: 345 PARK AVENUE  
         (C) CITY: NEW YORK  
         (D) STATE: NEW YORK  
         (E) COUNTRY: USA  
         (F) ZIP: 10154
- 14    (v) COMPUTER READABLE FORM:  
         (A) MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB  
         (B) COMPUTER: IBM PC COMPATIBLE  
         (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
         (D) SOFTWARE: MS WORD 97

C--> 20    (vi) CURRENT APPLICATION DATA:  
 C--> 21     (A) APPLICATION NUMBER: US/09/242,202B  
               (B) FILING DATE: 01-Nov-1999

- 22    (vii) PRIOR APPLICATION DATA:  
        (A) APPLICATION NUMBER: US60/023931  
        (B) FILING DATE: 14-AUG-1996

- 25    (viii) ATTORNEY/AGENT INFORMATION:  
        (A) NAME: KATHRYN M. BROWN  
        (B) REGISTRATION NUMBER: 34556  
        (C) REFERENCE/DOCKET NUMBER: 2026-4236US1

- 29    (ix) TELECOMMUNICATION INFORMATION:  
        (A) TELEPHONE: (212) 758-4800  
        (B) TELEFAX: (212) 751-6849  
        (C) TELEX: 421792

- 33    (2) INFORMATION FOR SEQ ID NO: 1:  
     (i) SEQUENCE CHARACTERISTICS:  
        (A) LENGTH: 453 base pairs  
        (B) TYPE: nucleic acid  
        (C) STRANDEDNESS: single  
        (D) TOPOLOGY: unknown
- 39    (ii) MOLECULE TYPE: cDNA
- 40    (iii) HYPOTHETICAL: No
- 41    (iv) ANTI-SENSE: No
- 42    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/242, 202B

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Input Set : N:\Crf3\01242002\I242202B.raw

Output Set: N:\CRF3\02042002\I242202B.raw

43	GGCCGCCTTG CTGGCGTTT TCCATAGGCT CCGCCCCCT	40
44	GACGAGCATC AAAAAATCG ACGCTCAAGT CAGAGGTGGC	80
45	GAAACCCGAC AGGACTATAA AGATACCAGG CGTTTCCCCC	120
46	TGGAAGCTCC CTCGTGCCCT CTCCTGTTCC GACCCTGCCG	160
47	CTTACCGGAT ACCTCTCCGC CTTTCTCCCT TCGGGAAGCG	200
48	TGGCGCTTTC TCAATGCTCA CGCTGTAGGT ATCTCAGTTC	240
49	GGTAGGTC GTTCGCTCCA AGCTGGGCTG TGTGCACGAA	280
50	CCCCCGTTC AGCCCGACCG CTGCGCCTTA TCCGGTAACT	320
51	ATCGTCTTGA GTCCAACCCG GTAAGACACG ACTTATCGCC	360
52	ACTGGCAGCA GCCACTGGTA ACAGGATTAG CAGAGCGAGG	400
53	TATGTAGGCG GTGCTACAGA GTTCTTGAAG TGGTGGCCTA	440
54	ACTACGGCTA CAC	453
56	(2) INFORMATION FOR SEQ ID NO: 2:	
57	(i) SEQUENCE CHARACTERISTICS:	
58	(A) LENGTH: 453 base pairs	
59	(B) TYPE: nucleic acid	
60	(C) STRANDEDNESS: single	
61	(D) TOPOLOGY: unknown	
62	(ii) MOLECULE TYPE: cDNA	
63	(iii) HYPOTHETICAL: No	
64	(iv) ANTI-SENSE: No	
65	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:	
66	GTGTAGCCGT AGTTAGGCCA CCACTTCAAG AACTCTGTAG	40
67	CACCGCCTAC ATACCTCGCT CTGCTAATCC TGTTACCACT	80
68	GGCTGCTGCC AGTGGCGATA AGTCGTGTCT TACCGGGTTG	120
69	GACTCAAGAC GATAAGTACC GGATAAGGCG CAGCGGTCGG	160
70	GCTAACGGG GGGTCGTGC ACACAGCCCA GCTTGGAGCG	200
71	AACGACCTAC ACCGAACCTGA GATAACCTACA CCGTGAGCAT	240
72	TGAGAAAAGCG CCACGCTTCC CGAAGGGAGA AAGGCGGACA	280
73	GGTATCCGGT AAGCGGCAGG GTCGGAACAG GAGAGCGCAC	320
74	GAGGGAGCTT CCAGGGGAA ACCCCTGGTA TCTTTATAGT	360
75	CCTGTCGGGT TTCGCCACCT CTGACTTGAG CGTCGATTT	400
76	TGTGATGCTC GTCAGGGGG CGGAGCCTAT GGAAAAACGC	440
77	CAGCAACGCG GCC	453
79	(2) INFORMATION FOR SEQ ID NO: 3:	
80	(i) SEQUENCE CHARACTERISTICS:	
81	(A) LENGTH: 209 base pairs	
82	(B) TYPE: nucleic acid	
83	(C) STRANDEDNESS: single	
84	(D) TOPOLOGY: unknown	
85	(ii) MOLECULE TYPE: cDNA	
86	(iii) HYPOTHETICAL: No	
87	(iv) ANTI-SENSE: No	
88	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:	
89	GAATTCTTC GGACTTTGA AAGTGATGGT GGTGGCCGAA	40
90	GGATTGAAAC CTTCGAAGTC GATGACGGCA GATTTAGAGT	80
91	CTGCTCCCTT TGGCCGCTCG GGAACCCAC CACGGGTAAT	120
92	GCTTTACTG GCCTGCTCCC TTATCGGGAA GCGGGGCGCA	160
93	TCATATCAA TGACGCGCCG CTGTAAAGTG TTACGTTGAG	200

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/242,202B

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TIME: 20:54:32

Input Set : N:\Crf3\01242002\I242202B.raw  
Output Set: N:\CRF3\02042002\I242202B.raw

94	AAAGAATT	209
96	(2) INFORMATION FOR SEQ ID NO: 4:	
97	(i) SEQUENCE CHARACTERISTICS:	
98	(A) LENGTH: 209 base pairs	
99	(B) TYPE: nucleic acid	
100	(C) STRANDEDNESS: single	
101	(D) TOPOLOGY: unknown	
102	(ii) MOLECULE TYPE: cDNA	
103	(iii) HYPOTHETICAL: No	
104	(iv) ANTI-SENSE: No	
105	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:	
106	GAATTCTTTC TCAACGTAAC ACTTTACAGC GGCGCGTCAT	40
107	TTGATATGAT GCGCCCCGCT TCCCGATAAG GGAGCAGGCC	80
108	AGTAAAAGCA TTACCCGTGG TGGGGTTCCC GAGCGGCCAA	120
109	AGGGAGCAGA CTCTAAATCT GCCGTACATCG ACTTCCAAGG	160
110	TTCGAATCCT TCCCCCACCA CCATCACTT CAAAAGTCCG	200
111	AAAGAATT	209
113	(2) INFORMATION FOR SEQ ID NO: 5:	
114	(i) SEQUENCE CHARACTERISTICS:	
115	(A) LENGTH: 6 base pairs	
116	(B) TYPE: nucleic acid	
117	(C) STRANDEDNESS: single	
118	(D) TOPOLOGY: unknown	
119	(ii) MOLECULE TYPE: cDNA	
120	(iii) HYPOTHETICAL: No	
121	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:	
122	AATAAA	6
124	(2) INFORMATION FOR SEQ ID NO: 6:	
125	(i) SEQUENCE CHARACTERISTICS:	
126	(A) LENGTH: 6 base pairs	
127	(B) TYPE: nucleic acid	
128	(C) STRANDEDNESS: single	
129	(D) TOPOLOGY: unknown	
130	(ii) MOLECULE TYPE: cDNA	
131	(iii) HYPOTHETICAL: No	
132	(iv) ANTI-SENSE: No	
133	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:	
134	ATTAAA	6
136	(2) INFORMATION FOR SEQ ID NO: 7:	
137	(i) SEQUENCE CHARACTERISTICS:	
138	(A) LENGTH: 6 base pairs	
139	(B) TYPE: nucleic acid	
140	(C) STRANDEDNESS: single	
141	(D) TOPOLOGY: unknown	
142	(ii) MOLECULE TYPE: cDNA	
143	(iii) HYPOTHETICAL: No	
144	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:	
145	AGTAAA	6
147	(2) INFORMATION FOR SEQ ID NO: 8:	

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/242,202B

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Input Set : N:\Crf3\01242002\I242202B.raw  
Output Set: N:\CRF3\02042002\I242202B.raw

148	(i) SEQUENCE CHARACTERISTICS:	
149	(A) LENGTH: 6 base pairs	
150	(B) TYPE: nucleic acid	
151	(C) STRANDEDNESS: single	
152	(D) TOPOLOGY: unknown	
153	(iii) MOLECULE TYPE: cDNA	
154	(iii) HYPOTHETICAL: No	
155	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:	6
156	AAGAAC	
158	(2) INFORMATION FOR SEQ ID NO: 9:	
159	(i) SEQUENCE CHARACTERISTICS:	
160	(A) LENGTH: 6 base pairs	
161	(B) TYPE: nucleic acid	
162	(C) STRANDEDNESS: single	
163	(D) TOPOLOGY: unknown	
164	(iii) MOLECULE TYPE: cDNA	
165	(iii) HYPOTHETICAL: No	
166	(iv) ANTI-SENSE: No	
167	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:	6
168	AATACA	
170	(2) INFORMATION FOR SEQ ID NO: 10:	
171	(i) SEQUENCE CHARACTERISTICS:	
172	(A) LENGTH: 227 base pairs	
173	(B) TYPE: nucleic acid	
174	(C) STRANDEDNESS: single	
175	(D) TOPOLOGY: unknown	
176	(ii) MOLECULE TYPE: cDNA	
177	(iii) HYPOTHETICAL: No	
178	(iv) ANTI-SENSE: No	
179	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:	
180	GCCTTAAGGG CCATATGGTG AGTGGATCCC TTGACCCAG	40
181	GCGGGGATGG GGAGACCTGT AGTCAGAGCC CCCGGGCAGC	80
182	ACAGGCCAAT GCCCCGTCTT CCCCTGCAGG ATGAGTAGTG	120
183	AGTGCCTCTC CTGGCCCTGG AAGTTGCCAC TCCAGTGCC	160
184	ACCAGCCTTG TCCTAATAAA ATTAAGTTGC ATCATTGT	200
185	CTGACTAGGT GTCCTCTATA ATATTAT	227
187	(2) INFORMATION FOR SEQ ID NO: 11:	
188	(i) SEQUENCE CHARACTERISTICS:	
189	(A) LENGTH: 227 base pairs	
190	(B) TYPE: nucleic acid	
191	(C) STRANDEDNESS: single	
192	(D) TOPOLOGY: unknown	
193	(ii) MOLECULE TYPE: cDNA	
194	(iii) HYPOTHETICAL: No	
195	(iv) ANTI-SENSE: No	
196	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:	
197	ATAATATTAT AGAGGACACC TAGTCAGAAC AAATGATGCA	40
198	ACTTAATTTC ATTAGGACAA GGCTGGTGGG CACTGGAGTG	80
199	GCAACTTCCA GGGCCAGGAG AGGCACTCAC TACTCATCCT	120

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/242,202B

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Input Set : N:\Crf3\01242002\I242202B.raw  
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200 GCAGGGGAAG GACGGGCATT GGCCTGTGCT GCCCGGGGGC 160  
201 TCTGACTACA GGTCTCCCCC ATCCCCGCCT GGGGTCAAGG 200  
202 CATCCACTCA CCATATGCC CTTAAGG 227  
204 (2) INFORMATION FOR SEQ ID NO: 12:  
205 (i) SEQUENCE CHARACTERISTICS:  
206 (A) LENGTH: 252 base pairs  
207 (B) TYPE: nucleic acid  
208 (C) STRANDEDNESS: single  
209 (D) TOPOLOGY: unknown  
210 (ii) MOLECULE TYPE: cDNA  
211 (iii) HYPOTHETICAL: No  
212 (iv) ANTI-SENSE: No  
213 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
214 CCTCGGTACC TGCCATGGCG CGGATTCTTT ATCACTGATA 40  
215 AGTTGGTCCA CATATTATGT TTATCAGTGA TAAAGTGTCA 80  
216 AGCATGACAA AGTTGCAGCC GAATACAGTG ATCCGTGCCG 120  
217 GCCCTGGACT GTTGAACGAG GTCGGCGTAG ACGGTCTGAC 160  
218 GACACGCAA CTGGCGAAC GGTTGGGGGT GCAGCAGCCG 200  
219 GCGCTTACT GGCACTTCAG GAACAAGCGG GCGCCTTAAG 240  
220 GGCCATATGC CG 252  
222 (2) INFORMATION FOR SEQ ID NO: 13:  
223 (i) SEQUENCE CHARACTERISTICS:  
224 (A) LENGTH: 35 base pairs  
225 (B) TYPE: nucleic acid  
226 (C) STRANDEDNESS: single  
227 (D) TOPOLOGY: unknown  
228 (ii) MOLECULE TYPE: cDNA  
229 (iii) HYPOTHETICAL: No  
230 (iv) ANTI-SENSE: No  
231 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
232 CCTCGGTACC TGCCACCATG GCGCGGATTTC TTTAT 35  
234 (2) INFORMATION FOR SEQ ID NO: 14:  
235 (i) SEQUENCE CHARACTERISTICS:  
236 (A) LENGTH: 38 base pairs  
237 (B) TYPE: nucleic acid  
238 (C) STRANDEDNESS: single  
239 (D) TOPOLOGY: unknown  
240 (ii) MOLECULE TYPE: cDNA  
241 (iii) HYPOTHETICAL: No  
242 (iv) ANTI-SENSE: No  
243 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
244 CGGCATATGG CCTTAAGGGCG CCCGCTTGTGTT CCTGAAGT 38  
246 (2) INFORMATION FOR SEQ ID NO: 15:  
247 (i) SEQUENCE CHARACTERISTICS:  
248 (A) LENGTH: 228 base pairs  
249 (B) TYPE: nucleic acid  
250 (C) STRANDEDNESS: single  
251 (D) TOPOLOGY: unknown  
252 (ii) MOLECULE TYPE: cDNA

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/242,202B

DATE: 02/04/2002

TIME: 20:54:33

Input Set : N:\Crf3\01242002\I242202B.raw

Output Set: N:\CRF3\02042002\I242202B.raw

L:20 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:21 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:557 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23

L:569 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24